

10/582102

AP3 Rec'd PCT/PTO 08 JUN 2005

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended): Milling tool comprising a milling body [[(1)]] rotatable around a geometrical axis [[(C)]], said body [[(1)]] having an envelope surface [[(6)]] extending rearward from a front end [[(5)]], in which body [[(1)]] a plurality of tangentially spaced flutes [[(7, 7a)]] are formed, which separately includes a plurality of axially spaced-apart insert pockets [[(9)]] for releasably mounted cutting inserts [[(8)]], the active edges [[(13)]] of the cutting insets of the same flute [[(7, 7a)]] partially overlapping each other, ~~more precisely in imaginary, radially extending overlapping planes, characterized in that wherein~~ a first insert pocket [[(9a)]] located closest to the front end [[(5)]], together with the appurtenant cutting insert [[(8a)]] in a first flute [[(7)]], has another length than the other inset pockets [[(9)]] and the cutting inserts [[(8)]]], respectively, in the same flute [[(7)]] in order to axially displace said overlapping planes [[(17)]] in relation to the overlapping planes [[(16)]] between the cutting inserts in a row of cutting inserts [[(8)]] in a second, nearby flute [[(7a)]].

2. (Currently Amended): Milling tool according to claim 1, ~~characterized in that wherein~~ said first cutting insert [[(8a)]] in said first flute [[(7)]] is longer than the other cutting inserts [[(8)]] in the same flute [[(7)]].

3. (Currently Amended): Milling tool according to claim 1 [[or 2]], ~~characterized in that wherein~~ the first cutting insert [[(8a)]] in said first flute [[(7)]] has a length that deviates by [[approx.]] approximately 50% from the length of the other cutting inserts [[(8)]] in the same

flute, ~~with the purpose of locating to locate~~ the overlapping planes [[(17)]] between the cutting inserts [[(8)]] in the first flute [[(7)]] approximately halfway between the ends [[(14, 15)]] of the edges [[(13)]] of the cutting inserts [[(8)]] in the second flute [[(7a)]].

4. (Currently Amended): Milling tool according to claim 2 [[or 3]], ~~characterized in that wherein~~ said other cutting inserts [[(8)]] in said first flute [[(7)]] are equally long as all cutting inserts [[(8)]] in the second flute [[(7a)]].

5. (Currently Amended): Milling tool according to ~~any one of the preceding claims~~ claim 1, comprising an even number of flutes [[(7, 7a)]] and insert rows, respectively, amounting to at least four, ~~characterized in that wherein~~ the front cutting insert [[(8a)]] in every second flute [[(7)]] has another length than the other cutting inserts [[(8)]] in the same flute [[(7)]].

6. (New): A milling tool comprising:

    a milling body rotatable around a geometrical axis, said milling body including an envelope surface extending rearward from a front end, a plurality of tangentially spaced flutes formed in the milling body, which separately include a plurality of axially spaced-apart insert pockets for releasably mounted cutting inserts,

    wherein active edges of the cutting insets of the same flute partially overlap each other in imaginary, radially extending overlapping planes, and

    wherein a first insert pocket located closest to the front end, together with the appurtenant cutting insert in a first flute, has a length different than the other inset pockets and the cutting inserts, respectively, in the same flute, and has a first overlapping plane axially displaced in

relation to an overlapping plane between the cutting inserts in a row of cutting inserts in a second, nearby flute.